

# Meeting Record

<b>Project Name</b>	<b>Waterloo Wind Farm</b>	<b>Meeting Date</b>	<b>8 March 2018</b>
<b>Meeting / Subject</b>	<b>Community Liaison Group</b>	<b>Recorded By</b>	<b>MO</b>
	<b>Meeting 28</b>	<b>Total Pages</b>	<b>4</b>

<b>Facilitator:</b>	Georgina House (GH)	GH Planning
<b>Members:</b>	Garry Fieldhouse (GF)	Gally's, Farrell Flat
	Sally Fieldhouse (SF)	Gally's, Farrell Flat
	Heidi Hodge (HH)	Farrell Flat Resident
	Chloe Hodge	Farrell Flat Resident
	Sue Wurst (SW)	Clare Resident
	Angela Ruddenklau (ARU)	Project Officer, Yorke and Mid North, Primary Industries and Regions SA
	Glenn Christie (GC)	Seed Collector and Revegetation
	Bonnie Maynard (BM)	Project Officer, Regions SA, Yorke and Mid North, PIRSA
	Lis Jones Ingman (LJI)	Burra Resident
	David Clarke (DC)	Armagh Resident
	Abby Walker-Schwartz (AWS)	Waterloo Resident
<b>Guests:</b>	Steve Brown (SB)	GM, Renewables, Palisade
<b>Palisade:</b>	Hannah Willson (HW)	Operations Manager – SA, Palisade
	Gyorgyi Danka (GD)	Asset Engineer, Renewables, Palisade Asset Management
<b>Apologies:</b>	Hon Dan Van Holst Pellekaan	Member for Stuart
	Hon Geoff Brock	Member for Frome
	David Stevenson (DS)	CEO, Goyder Council
	John Browne (JB)	Marrabel Committee District Association and Marrabel Rodeo Club
	Geoff Rowett (GR)	Marrabel Committee District Association and Marrabel Rodeo Club
	Lynn Wallace (LW)	Economic Development Officer, Mid North Region, Regional Development Australia Yorke and Mid North
	Colin Endean (CE)	ACF Climate Project, Transition Action Group
	Trevor White (TW)	Planning Consultant and PhD Student
	Pat Williams (PW)	Auburn Resident
	Simon Millcock (SM)	CEO, Legatus Group
	Emily Moore (EM)	Executive Services Officer, Regional Council of Goyder
	Kelly-Anne Saffin (KAS)	CEO, Regional Development Australia Yorke and Mid North
	Dylan Strong (DS)	Acting CEO, RDAYMD
	Margaret Wayman (MW)	Saddleworth Resident
	Peter Wayman (PW)	Saddleworth Resident
	Andrew Allchurch (AA)	Gilbert Group CFS and Waterloo Landowner
	Clint Purkiss (CP)	Development Manager, Palisade Asset Management
<b>Minute Taker:</b>	Marie Oatway (MO)	GH Planning

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Item	Topic	Action By
<b>1.</b>	<b>Welcome and Introductions– Georgina House</b>	
1.1.	<b>Welcome</b> <ul style="list-style-type: none"> <li>GH welcomed members and guests to the March 2018 CLG Meeting.</li> <li>GH welcomed visitor Bonnie Maynard a Project Officer, Yorke and Mid North, Primary Industries and Regions based in Clare.</li> </ul>	
1.2.	<b>Apologies</b> <ul style="list-style-type: none"> <li>Apologies were noted.</li> </ul>	
1.3.	<b>Agenda and Housekeeping</b> <ul style="list-style-type: none"> <li>GH outlined today's agenda, which included: <ul style="list-style-type: none"> <li>Overview of Projects</li> <li>Update on the Community Grants Program</li> <li>Presentation on Wind Diary Insights</li> <li>Presentation on the Impact of the Jamestown Battery on the SA Network</li> </ul> </li> </ul>	
<b>2.</b>	<b>Review of Minutes of the Previous Meeting – Georgina House</b>	
	<ul style="list-style-type: none"> <li>GH reported that there were 2 actions from the previous minutes and both have been completed. They are: <ul style="list-style-type: none"> <li>Organise copies of the Community Grants Program flyer to CLG members.</li> <li>HH update of the CLG group on her research.</li> </ul> </li> <li>GH asked the members if they were happy that the minutes were a true reflection of the meeting.</li> <li>Minutes of the 14 December 2017 CLG Meeting were accepted as a true representation of the meeting.</li> </ul>	
<b>3.</b>	<b>Overview of Mid North Wind Farm Projects - Hannah Wilson/Gyorgyi Danka</b>	
3.1	<b>Waterloo Wind Farm</b> <ul style="list-style-type: none"> <li>GD provided an update on wind production and operations at WWF over the past quarter.</li> </ul> <b>Wind Production</b> <ul style="list-style-type: none"> <li>Wind production has been slightly below forecast, however Jan and Feb 18 have produced more compared to the same months in 2017.</li> <li>The year to date analysis shows WWF is 2% above the forecast level.</li> <li>Typically WWF receives lower wind speeds during the period Dec to Feb.</li> </ul> <b>Waterloo Wind Farm Operations</b> <ul style="list-style-type: none"> <li>During December 2017, activity included testing, over frequency generator shedding (OFGS) Scheme – settings update, and American Superconductor update of reactive support settings.</li> <li>Operations in January 2018 were very quiet.</li> <li>In February 2018, activity mainly related to repair to a WTG BD – RMU Fault.</li> </ul>	
3.2	<b>Stony Gap Wind Farm Development Proposal</b> <ul style="list-style-type: none"> <li>SB reported that Palisade is continuing to investigate options for the development of the Stony Gap proposal, while at the same time considering options to sell the asset to a different developer.</li> </ul> Q – What is the hold up?	

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	A – Still looking at ways to finance the project which meet our requirements for investment returns.	
<b>4.</b>	<b>WWF Community Grants Program and Other Sponsorship – Hannah Willson</b>	
	<ul style="list-style-type: none"> <li>• HW provided an update on the WWF Community Grants Program</li> <li>• Key Dates for the 2018 WWF Community Grant include: <ul style="list-style-type: none"> <li>○ Applications Open – 15th February 2018</li> <li>○ Advertising (Northern Argus &amp; Plains Producer) – 21st &amp; 28th February 2018</li> <li>○ Applications Close – Friday, 23rd March 2018</li> <li>○ Assessment of Applications by the CLG Sub Committee – Early April</li> <li>○ <b>Announcement of Successful Fund Recipients and Presentations – Tuesday 1<sup>st</sup> May (CLG Members to save the date)</b></li> </ul> </li> <li>• HW asked if CLG members could save the date of Monday 30<sup>th</sup> April 2018 in their diary as Palisade intend to invite CLG members along to a presentation.</li> <li>• An incident occurred at Saddleworth where a defib was used successfully to save a life – this defib was supplied as part of the Community Grants Program.</li> <li>• Discussion occurred about how local communities know where the defib's are located.</li> <li>• It was suggested that local community groups be encouraged to apply for funding for more defibs to be purchased and installed in the local community.</li> <li>• HW is willing to help organise defib training where the equipment is sponsored through Palisade.</li> <li>• HW indicated that there are several other events that Palisade sponsor that are additional to the WWF Community Grants Program, they include: <ul style="list-style-type: none"> <li>○ Marrabel Bull Ride (February 2019) – Palisade have sponsored for the past 3 years and have decided to become a major sponsor for the next 5 years – such a big community event and the funds are going back into the community.</li> <li>○ Battle of the Birds (21 July 2018) – netball game – A1 netball game – MINMAN Eagles vs RSMU HAWKS.</li> <li>○ Manoora Centenary Park – resurfacing netball courts – work underway – due for completion by July 2018.</li> </ul> </li> <li>• HW informed the CLG that because the WWF Community Grants Program model has been well received by the local community in the Mid North, Palisade has decided to roll out the same model across our other assets in Townsville and Tasmania.</li> </ul>	<p>CLG Members to “save the date” of Tuesday 1 May in their diary for presentations</p> <p>HW to send invitation to CLG members.</p> <p>HW to send around information encouraging funding applications for defibs</p>
<b>5.</b>	<b>Waterloo Wind Farm – Wind Diary Insights – Gyorgyi Danka</b>	
	<ul style="list-style-type: none"> <li>• GD gave a presentation on wind records at WWF since commencement in 2010. The presentation looked at wind speed, wind distribution and wind direction.</li> <li>• DC – How much wind speed do you need for full production?</li> <li>• GD – Full production – Stage 1 is about 17m/s and Stage 2 is about 13m/s.</li> <li>• GD indicated she would be happy to explore 'live' data at the next CLG meeting, and look into some specific areas of interest such as wind speeds before the September 2016 State black-out event, and see if there is any relationship with El Nino and La Nina events.</li> </ul>	<p>GD to discuss wind records further at next CLG Meeting</p>
<b>6.</b>	<b>The Impact of the Jamestown Battery on the SA Network –Steve Brown</b>	

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	<p>SB gave a presentation on the impact of the Jamestown Battery on the SA Network</p> <p><b>Background</b></p> <ul style="list-style-type: none"> <li>• Neoen were successful in their application to the SA Government's Expression of Interest for energy storage proposals, with a 100MW Tesla battery to be located at their Hornsdale wind farm – 99 turbines with a combined rated output of 315MW.</li> <li>• Constructed in late 2017, the Hornsdale Power Reserve has been operational since 1 December 2017.</li> <li>• At 100MW/129MWh, the Hornsdale Power Reserve is the largest lithium-ion battery in the world.</li> <li>• The battery covers approximately one hectare of land, located at the Hornsdale Wind Farm – 15km north of Jamestown.</li> </ul> <p><b>How does the battery work? What does it do?</b></p> <ul style="list-style-type: none"> <li>• Stabilises the SA electricity network, and assists in preventing load-shedding events through quick response to generation shortfalls.</li> <li>• Provides rapid response frequency control, which also acts to provide network security.</li> <li>• With the costs and need for frequency control services increasing since the closure of North Power Station, the battery is also acting to reduce costs of other generators. Which will in turn provide down pressure on future electricity prices.</li> </ul> <p><b>SA's Battery Performance</b></p> <p>Q – Does it work? A – Better than expected.</p> <p>Q – What has the impact been on the National Electricity Market? A – Greater stability, more rapid response to system events.</p> <p>Q - What has the impact been on Waterloo Wind Farm? A – FCAS charges are lower as the battery brings competition to services normally provided by synchronous generators.</p>	
<b>7.</b>	<b>Other Business</b>	
	<ul style="list-style-type: none"> <li>• AWS – I know there was a sleep study done in Waterloo as part of a road and windfarm study – it would be interesting to hear the outcome of that?</li> <li>• GH – Palisade are aware of the study, we will check the status of the study.</li> <li>• GH suggested that the CLG invite PIRSA to provide an update on the Burra to Kapunda Landscape Project. Bonnie Maynard indicated she would be happy to look into this suggestion.</li> <li>• GH suggested we hear from Palisade on the roles of people at the WWF including staff, contractor and consultant roles.</li> </ul>	<p>Palisade to check the status of the sleep study</p> <p>Bonnie Maynard to follow up on suggestion for a CLG update on the Burra to Kapunda Landscape Project.</p>
<b>8.</b>	<b>Next Meeting and Close</b>	
	<ul style="list-style-type: none"> <li>• Next Meeting – The next meeting is likely to be in June or July 2018, on a Tuesday afternoon, 4.30-6.30pm at Gally's.</li> <li>• GH will liaise with Palisade, nominate a meeting date and inform CLG members asap.</li> </ul> <p><b>Meeting Closed</b></p>	<p>GH to advise CLG of next meeting in June/July 2018</p>

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